802.3af Single-Port Power Injector

Power-over-Ethernet

FEATURES

Merges power and Ethernet onto the same cable
Reduces installation cost by removing the need to provide power at the point of installation

Sleek interlocking industrial design
Small form factor is unobtrusive, and interlocking design reduces the amount of clutter in the wiring closet

Easy to install, versatile mounting options
Design allows for mounting against a wall, or in groups on a server tray

Motorola Wireless Switch Power-over-Ethernet solutions save labor and costs

Power distribution solutions from Motorola deliver operating power and data to Motorola access points and access ports via standard Ethernet cabling, simplifying installation and eliminating the need to run separate power lines to each access point or access port location.

Whether in a warehouse, factory floor or enterprise facility, running power to difficult-to-reach locations or to support changing network layouts can lead to excessive costs, as well as disruptions in time and labor operations. Motorola power distribution solutions significantly reduce cabling and outlet requirements — especially in hard-to-reach locations such as ceilings — and streamline wireless infrastructure deployment, lowering costs while protecting your Category 5 and Ethernet switch investment.

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The single-port power injector provides the benefits of Power-over-Ethernet for individual Motorola access ports. Once the power injector is connected to your Ethernet switch, power and data are then transmitted to the access port via the Ethernet cable. The power injector supplies effective independent overload and short circuit protection per port. With the power injector, you can use your current LAN infrastructure to supply power directly to your access ports from a central location, delivering a cost-effective power solution for your small-site deployment.

For more information about the Motorola 802.3af Single-Port Power Injector, please contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at motorola.com/powerinjector

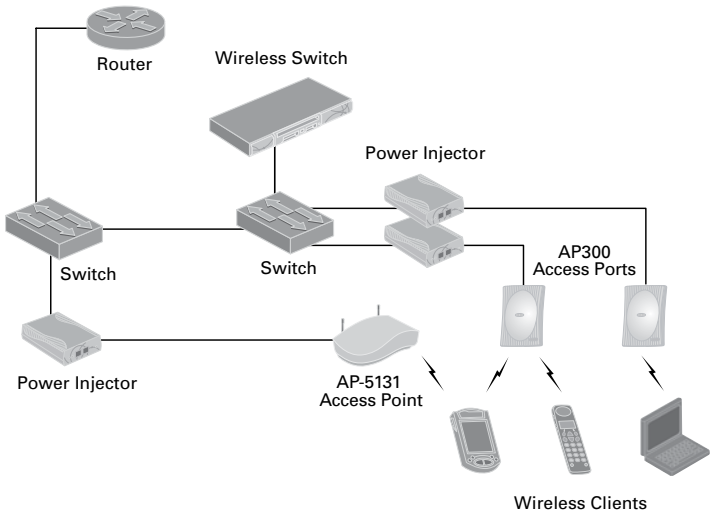
Power Injector Specifications

Physical Characteristics	
Dimensions:	1.22 in. H x 2.36 in. W x 5.71 in. D 31 mm H x 60 mm W x 145 mm D
Weight:	1 lb/450 g
Mounting Options:	Desktop or wall (units can interlock with one another)
Indicators:	AC Indicator: Main Power Status (Green LED) Port Indicator: Port Status (Green LED)
Number of Ports:	1 AC Power In; 1 Data In; 1 Data and Power Out
Port Types:	AC; Ethernet 10/100 Mbps
Part Number:	AP-PSBIAS-1P2-AFR
Environmental Conditions	
Operating Temperature:	32° to 104° F /0° to 40° C
Operating Humidity:	Up to 90% (non-condensing)
Storage Temperature:	-4° to 158° F/-20° to 70° C
Storage Humidity:	Up to 93% (non-condensing)

Input Specifications	
Input Voltage:	90 to 264 VAC (47-63 Hz)
Input Current:	0.5 A (max)
Input (Data):	Shielded RJ-45, EIA 568A and 568B
Output Specifications	
Output (Data and Power):	Shielded RJ-45 with +48 VDC on wire pairs 7-8 and 4-5
Output Power:	15.4 W
Compatibility	
Supported Products:	AP300 Access Ports; AP-5131 Access Points
Regulatory	
Compliance:	CE Compliance
Electromagnetic Emission:	FCC Part 15 Class B/ICES 003 Class B, EN55022 Class B, EN55024
Safety:	UL 60950, CSA C22.2 No. 60950, EN60950/IEC 950, CB Certification

NOTICE: Repairs of this product may require the use of Motorola proprietary parts (and/or Motorola proprietary information). Motorola will sell these parts (and provide this proprietary information) only to end-user customers for self-service. Applicable in the U.S. For all other countries, please contact your Motorola account manager or the local Motorola Customer Service representative in your area for further details.

Power Injectors in the Wireless Network



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